

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No. **N0G13121799**6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO***SUBMIT IN TRIPLICATE - Other instructions on page 2***

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
ENDURING RESOURCES LLC3a. Address **200 ENERGY COURT, FARMINGTON, NM 87401** 3b. Phone No. (include area code)
(505) 497-85744. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 2/T22N/R7W/NMP7. If Unit of CA/Agreement, Name and/or No.
S CHACO UT- MANCOS/NMNM133321A8. Well Name and No. **S LYBROOK UNIT/344H**9. API Well No. **3004321280**10. Field and Pool or Exploratory Area
LYBROOK GALLUP/LYBROOK GALLUP11. Country or Parish, State
SANDOVAL/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources performed a workover for a wellbore cleanout. An updated well schematic is attached.

EOT: 5,721 MD

Packer: NA

GLVs: NA

Orifice Valve: none

Job Start: 9/25/2023

Job End: 9/29/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751Title **Permitting Technician**(Electronic Submission)
SignatureDate **10/16/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

MATTHEW H KADE / Ph: (505) 564-7736 / AcceptedTitle **Petroleum Engineer**Date **10/16/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **FARMINGTON**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

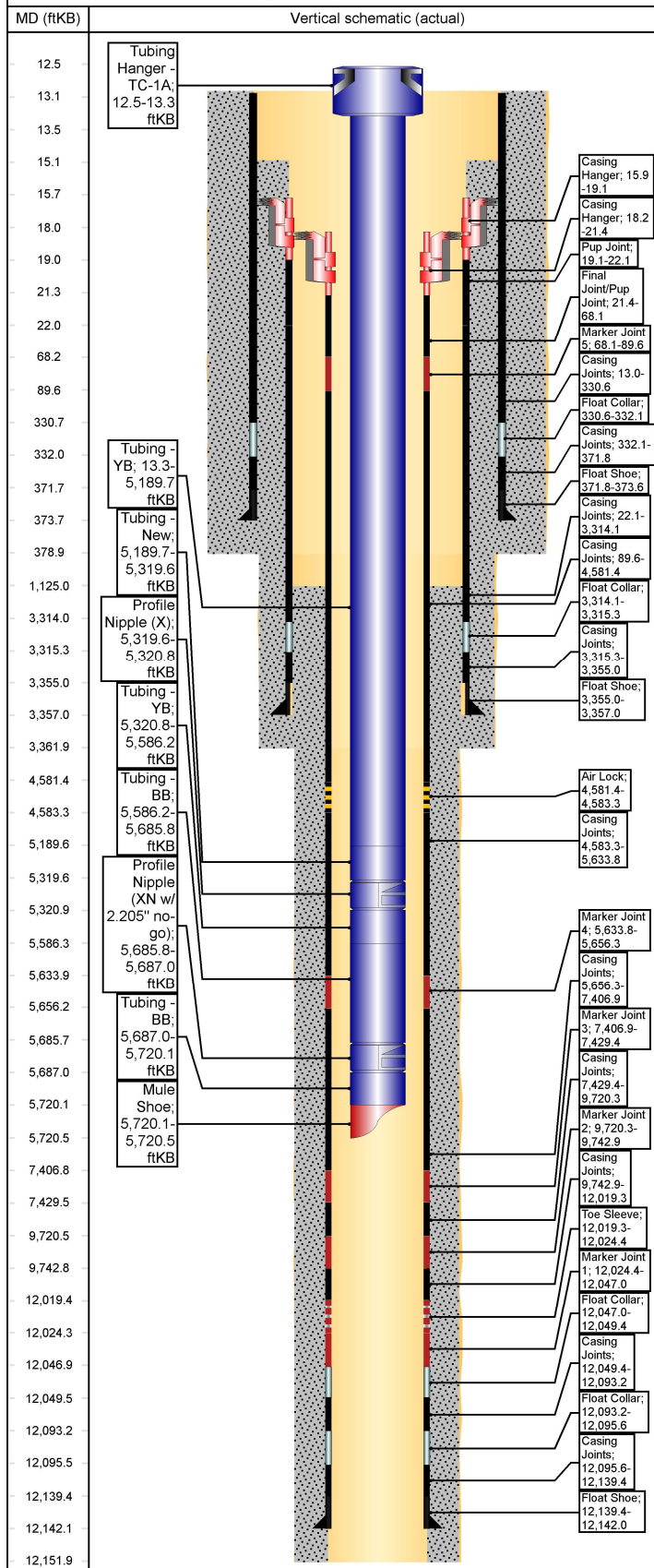


Wellbore Schematic - Components and Cement

Well Name: S LYBROOK UNIT 344H (fka S CHACO)

API/UWI 30-043-21280		County San Juan		State/Province New Mexico		Surface Legal Location Sec 2, R22N-T7W							
Spud Date 5/20/2022		On Production Date		Abandon Date		Ground Elevation (ft) 7,003.00		Original KB Elevation (ft) 7,016.00		Total Depth (All) (ftKB) Original Hole - 12,152.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 10/16/2023 10:57:05 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
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Rod Strings

<des> on <dtmrun>

Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
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Tubing Strings

Tubing - Production set at 5,720.5ftKB on 9/29/2023 10:45

Tubing Description	Len (ft)	Set Depth (f...	Run Date	Cut/Pull Date	Depth C...
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger - TC-1A	4 3/4	0.80	12.5	13.3		
15	Tubing - YB	2 7/8	5,176.3	13.3	5,189.7	L-80	6.50
8			7				
4	Tubing - New	2 7/8	129.96	5,189.7	5,319.6	J-55	6.50
1	Profile Nipple (X)	2 7/8	1.20	5,319.6	5,320.8	L-80	6.50
8	Tubing - YB	2 7/8	265.41	5,320.8	5,586.2	L-80	6.50
3	Tubing - BB	2 7/8	99.54	5,586.2	5,685.8	L-80	6.50
1	Profile Nipple (XN w/ 2.205\" no-go)	2 7/8	1.20	5,685.8	5,687.0	L-80	6.50
1	Tubing - BB	2 7/8	33.14	5,687.0	5,720.1	L-80	6.50
1	Mule Shoe	2 7/8	0.40	5,720.1	5,720.5	L-80	6.50

Casing Strings

Production, 12,142.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint 6	0	5 1/2	4.78	20.00	P-110	0.00
Casing Joints	0	5 1/2	4.78	20.00	P-110	0.00
Landing Joint	0	5 1/2	4.78	20.00	P-110	0.00
Casing Hanger	1	5 1/2	4.78	20.00	P-110	3.20
Final Joint/Pup Joint	1	5 1/2	4.78	20.00	P-110	46.77
Marker Joint 5	1	5 1/2	4.78	20.00	P-110	21.49
Casing Joints	104	5 1/2	4.78	20.00	P-110	4,491.79
Air Lock	1	5 1/2	4.78	20.00	P-110	1.92
Casing Joints	24	5 1/2	4.78	20.00	P-110	1,050.49
Marker Joint 4	1	5 1/2	4.78	20.00	P-110	22.45
Casing Joints	40	5 1/2	4.78	20.00	P-110	1,750.64
Marker Joint 3	1	5 1/2	4.78	20.00	P-110	22.49
Casing Joints	55	5 1/2	4.78	20.00	P-110	2,290.91
Marker Joint 2	1	5 1/2	4.78	20.00	P-110	22.55
Casing Joints	52	5 1/2	4.78	20.00	P-110	2,276.44
Toe Sleeve	1	5 1/2	4.78	20.00	P-110	5.10
Marker Joint 1	1	5 1/2	4.78	20.00	P-110	22.55
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Casing Joints	1	5 1/2	4.78	20.00	P-110	43.78
Float Collar	1	5 1/2	4.78	20.00	P-110	2.42
Casing Joints	1	5 1/2	4.78	20.00	P-110	43.77
Float Shoe	1	5 1/2	4.78	20.00	P-110	2.65

Intermediate, 3,357.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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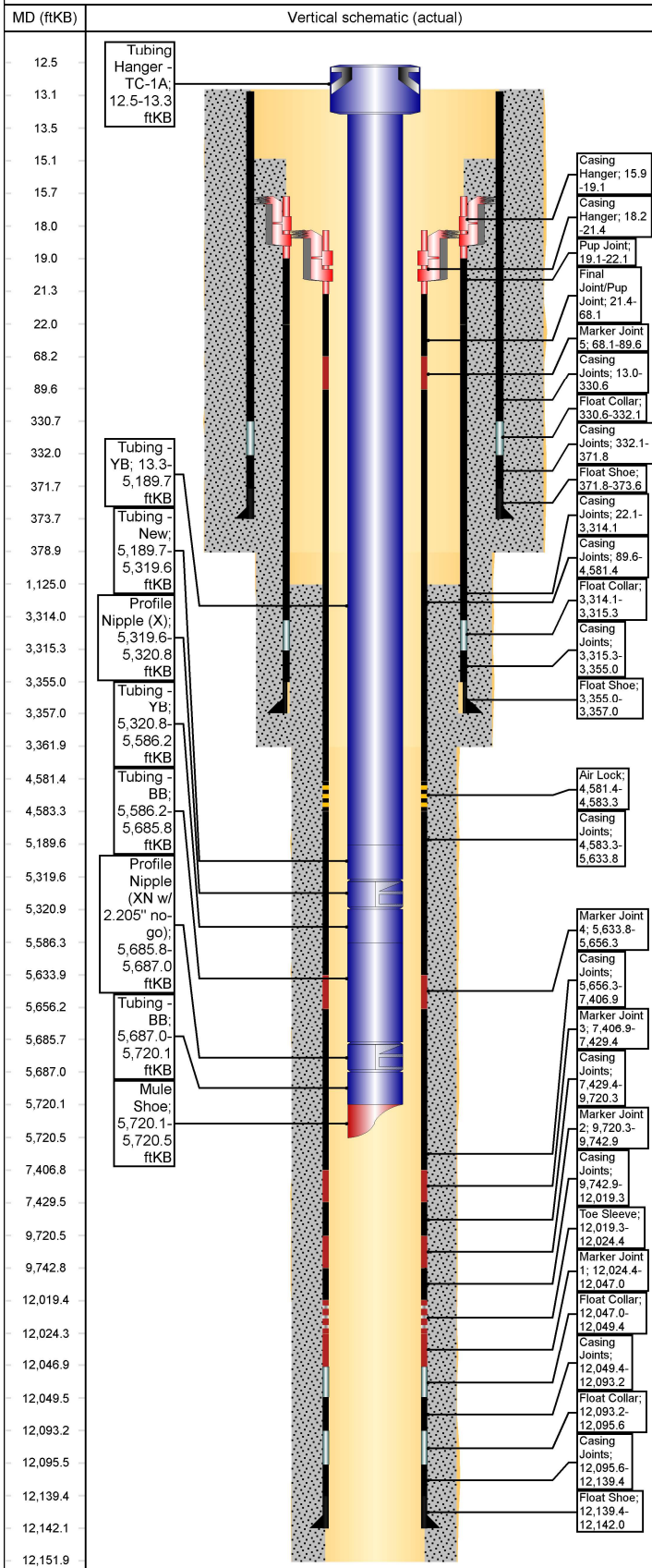
Intermediate	9 5/8	36.00	J-55	15.9	3,357.0		8.92
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Wellbore Schematic - Components and Cement

Well Name: S LYBROOK UNIT 344H (fka S CHACO)

Horizontal, Original Hole, 10/16/2023 10:57:06 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	0	9 5/8	8.92	36.00	J-55	0.00
Landing Joint	0	9 5/8	8.92	36.00	J-55	0.00
Casing Hanger	1	9 5/8	8.92	36.00	J-55	3.20
Pup Joint	1	9 5/8	8.92	36.00	J-55	3.00
Casing Joints	83	9 5/8	8.92	36.00	J-55	3,292.02
Float Collar	1	9 5/8	8.92	36.00	J-55	1.20
Casing Joints	1	9 5/8	8.92	36.00	J-55	39.73
Float Shoe	1	9 5/8	8.92	36.00	J-55	1.98

Surface, 373.6ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface	13 3/8	54.50	J-55	13.0	373.6		12.62

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	8	13 3/8	12.62	54.50	J-55	317.62
Float Collar	1	13 3/8	12.62	54.50	J-55	1.45
Casing Joints	1	13 3/8	12.62	54.50	J-55	39.72
Float Shoe	1	13 3/8	12.62	54.50	J-55	1.78

Cement

Surface Casing Cement, Casing, 5/21/2022 13:00

Description	String	Cementing Start Date	Cementing End Date
Surface Casing Cement	Surface, 373.6ftKB	5/21/2022 13:00	5/21/2022 14:10

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	13.0	379.0	PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49 bbls H2O, Bump plug @ 450 psi, circ 39 bbls good cmt to surface

Intermediate Casing Cement, Casing, 7/26/2022 14:40

Description	String	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	Intermediate, 3,357.0ftKB	7/26/2022 14:40	7/26/2022 19:03

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	15.0	3,362.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 262.0 bbls (689 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 264 bbls FW. FCP at 1100 psi Bumped Plug at 1590 psi On Well. Maintained returns throughout job. Calculated 64 bbls to surface and got 55 bbls of good cement to surface. Top of Lead to surface and top of tail at 2,814 - ft MD. Released Rig @ 06:00 4/30/2022 to the Kimbeto Wash Unit 793 H. (Cement 08:30 Hour's To 10:40 Hour's on -4/30/2022)

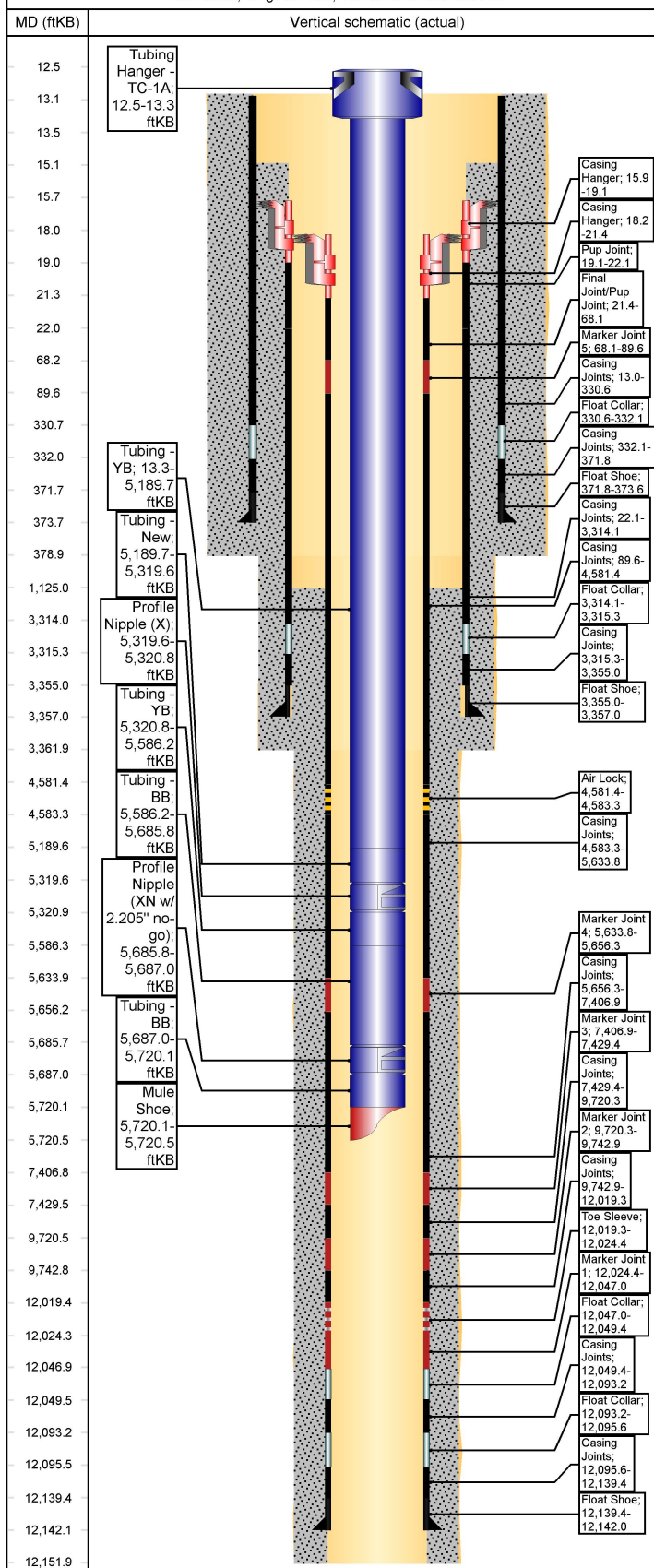
Production Casing Cement, Casing, 8/16/2022 12:00

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 12,142.0ftKB	8/16/2022 12:00	8/16/2022 16:15

Wellbore Schematic - Components and Cement

Well Name: S LYBROOK UNIT 344H (fka S CHACO)

Horizontal, Original Hole, 10/16/2023 10:57:08 AM



Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,125.0	12,152.0	Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @11.0 ppg. Pumped Lead Cement: 223 bbls 530 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.39 gal H2O/sk. Pumped Tail Cement: 352 bbls (1,261 sx) Class G Cement at 13.3 ppg, 1.57 ft3/sk, 7.7 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 267.6 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,128--psi Bump Plug at 4.0 bpm to 2,120- psi. Bled back 2.0 Bbls and floats held. Cement From 12:00 To 16:12- 08/16/2022 Top of Tail: Calculated 6500 – 6,750 ft MD. Top of Lead: 1,000 – 1,250 ft Calculated Cement Back 0 BBL, Calculated Back0 bbl's Cement in place at 16:12 on 8/16/2022, Wash Through All Cement Lines

Wellbores	

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	

Original Hole
Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	13.0	379.0
Intermediate	12 1/4	379.0	3,362.0
Production	8 1/2	3,362.0	12,152.0

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 276362

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 276362
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/5/2025